

940nm 5W High Power LD | FAC optional | Hermetic Package

940nm 5W Laser Diodes with TO3 Package | Square Beam Optional

WSLD-940-005-3

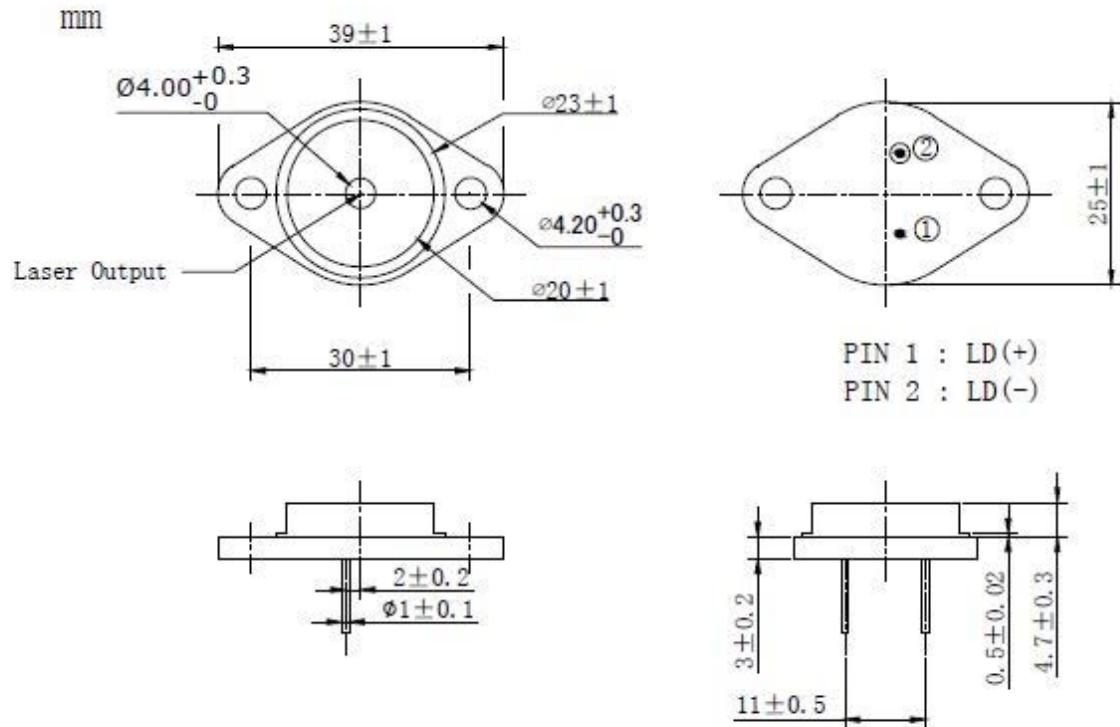
Wavespectrum laser Group.

www.wavespectrum-laser.com

940nm Laser Diode	5W/TO3	Wavespectrum Laser Group	
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10~+30	$^{\circ}C$
Storage Temperature	T_{stg}	-20~ +80	$^{\circ}C$
Lead soldering temperature (10 sec.)	T_{is}	260	$^{\circ}C$
Features:	<ul style="list-style-type: none"> ● 940nm ● CW ● TO3 Package 		
Applications:	<ul style="list-style-type: none"> ● Medical Laser Treatment ● Laser Indicator ● Laser Detector 		
Specifications	WSLD-940-005-3		
	Min	Type	Max
Center Wavelength@25°C	+/-5nm	940nm	+/-10nm
Spectral Width (FWHM)	----	4.0nm	----
Output Power	----	5W	----
Emitter Area	200x1μm		
Beam Divergence (FWHM)	----	35°\perp x 8°//	----
Temperature Coefficient of Wavelength	----	0.3nm / °C	----
Slope Efficiency	1.0mW/mA	----	----
Threshold Current (Typ.)	----	0.7A	1.0A
Operating Current (Typ.)	----	5.3A	5.5A
Operating Voltage	----	1.5V	1.8V
Package Style	TO3		
Recommended Operating Temperature	25°C		



TO3 Package View



Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.

